

ABSTRACT

Disclosed is an improved method of performing lighting inspection on a plasma display panel. In a plasma display panel, a plurality of cells is formed at an intersection of each electrode disposed in a row direction and in a column direction of the panel. A field is formed of a plurality of sub-fields, and the combination of the sub-fields enables the panel to have gradation display. In the inspection method, address pulse voltage is not applied to a target cell to be inspected in a predetermined sub-field, but applied to at least one cell of the cells adjacent to the target cell, and the address pulse voltage is applied to the target cell in the successive sub-field. If the barrier ribs of the target cell have an imperfection, wall charges of the cell are affected by the discharge occurred in an adjacent cell, and the target cell fails to light on in the successive sub-field. The inspection method can thus detect lighting failure caused by defective barrier ribs.